

=> d his nofile 16;d his nofile 115-

FILE 'CASREACT' ENTERED AT 11:38:16 ON 01 NOV 2007

L6 STR  
 L15 STR L6  
 L16 3 SEA SSS SAM L15 ( 21 REACTIONS)  
 D SCAN  
 L17 STR L15  
 L18 50 SEA SUB=L14 SSS SAM L15 ( 165 REACTIONS)  
 L19 50 SEA SUB=L14 SSS SAM L15 AND L8 ( 165 REACTIONS)  
 D QUE STAT L18  
 L20 50 SEA SUB=L14 SSS SAM L15 ( 165 REACTIONS)  
 L21 13982 SEA SUB=L14 SSS FUL L15 ( 58398 REACTIONS)  
 SAVE L21 TEMP CUTLIFF/A  
 L22 3 SEA SSS SAM L15 ( 21 REACTIONS)  
 E IONIC  
 E IONIC LIQUIDE  
 E IONIC LIQUIDS  
 E IONIC LIQUIDS/CT  
 L23 1601 SEA ABB=ON PLU=ON IONIC LIQUIDS/CT  
 L24 39 SEA ABB=ON PLU=ON L21 AND L23  
 L25 8 SEA ABB=ON PLU=ON L24 AND (PY<2004 OR AY<2004 OR PRY<2004)

FILE 'CAPLUS' ENTERED AT 12:30:11 ON 01 NOV 2007

E ALKANES/CT  
 E E3+ALL  
 E ALKANES, PREPARATION/CT  
 E E3+ALL  
 E E3+ALL  
 E ALKANES/CT  
 L26 4419 SEA ABB=ON PLU=ON "ALKANES, PREPARATION"/CT  
 L27 114 SEA ABB=ON PLU=ON L26 (L) HALO?/OBI  
 L28 6035 SEA ABB=ON PLU=ON IONIC LIQUIDS/CT  
 L29 5275 SEA ABB=ON PLU=ON HALOGENATION/CT  
 E ALCOHOLS, REACTIONS/CT  
 L30 23383 SEA ABB=ON PLU=ON "ALCOHOLS, REACTIONS"/CT  
 L31 1 SEA ABB=ON PLU=ON L27 AND L28 AND L30  
 D SCAN  
 L32 2 SEA ABB=ON PLU=ON L26 AND L30 AND L28  
 L33 2 SEA ABB=ON PLU=ON L32 OR L31  
 D SCAN TI  
 L34 1847 SEA ABB=ON PLU=ON ALKANE?/OBI (L) HALO/OBI  
 L35 26 SEA ABB=ON PLU=ON L34 AND L30  
 L36 1 SEA ABB=ON PLU=ON L28 AND L35  
 D SCAN TI  
 L37 2657 SEA ABB=ON PLU=ON HALOALKAN?/OBI  
 L38 23 SEA ABB=ON PLU=ON L37 AND L30  
 L39 2731 SEA ABB=ON PLU=ON L37 OR L27  
 L40 7 SEA ABB=ON PLU=ON L39 AND L28  
 L41 2 SEA ABB=ON PLU=ON L40 AND ALC?/OBI  
 D SCAN TI  
 D SCAN TI L40  
 L42 20 SEA ABB=ON PLU=ON STEGMANN V?/AU  
 L43 48 SEA ABB=ON PLU=ON MASSONNE K?/AU  
 L44 58 SEA ABB=ON PLU=ON (L42 OR L43)  
 L45 16 SEA ABB=ON PLU=ON L44 AND L28  
 D SCAN TI  
 L46 1 SEA ABB=ON PLU=ON L44 AND L29  
 L47 1 SEA ABB=ON PLU=ON L44 AND L39

Yate Cutliff 10/570,765

L48 5 SEA ABB=ON PLU=ON L44 AND L30  
L49 20 SEA ABB=ON PLU=ON L45 OR (L46 OR L47 OR L48)  
L50 19 SEA ABB=ON PLU=ON L49 NOT L41

FILE 'CASREACT, CAPLUS' ENTERED AT 12:37:52 ON 01 NOV 2007  
L51 9 DUP REM L25 L41 (1 DUPLICATE REMOVED)  
ANSWERS '1-8' FROM FILE CASREACT  
ANSWER '9' FROM FILE CAPLUS

=> fil casreact

FILE 'CASREACT' ENTERED AT 12:40:46 ON 01 NOV 2007  
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FILE CONTENT:1840 - 27 Oct 2007 VOL 147 ISS 19

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\* CASREACT now has more than 13.8 million reactions \*  
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Some CASREACT records are derived from the ZIC/VINITI database (1974-1999) provided by InfoChem, INPI data prior to 1986, and Biotransformations database compiled under the direction of Professor Dr. Klaus Kieslich.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d que stat l21

L14 34384 SEA FILE=CASREACT ABB=ON PLU=ON ALKYL HALIDE/FG.PRO (L)  
ALCOHOLS/FG.RCT  
L15 STR

RRT PRO  
Ak—OH Ak—X  
1 2 3 4

NODE ATTRIBUTES:

CONNECT IS X2 RC AT 1  
CONNECT IS X2 RC AT 3  
DEFAULT MLEVEL IS ATOM  
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED  
NUMBER OF NODES IS 4

STEREO ATTRIBUTES: NONE

L21 13982 SEA FILE=CASREACT SUB=L14 SSS FUL L15 ( 58398 REACTIONS)

100.0% DONE 207782 VERIFIED 58398 HIT RXNS 13982 DOCS